

# Akash Sakhare

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## PROFILE

M.Tech Graduate seeking an entry-level software engineering role. Highly adaptable to new technologies, offering a strong foundation in Object-Oriented Programming (OOP), Data Structures, and full-stack development across multiple languages (Java, Python, JavaScript, C). Brings 8 months of corporate internship experience building scalable REST APIs, managing cloud environments, and implementing secure authentication. Certified Oracle AI Foundations Associate (2025).

## TECHNICAL SKILLS

**Core Concepts:** Data Structures & Algorithms, Object Oriented Programming (OOP).

**Programming Languages:** Java, JavaScript, SQL, C, Python.

**Front-end Technologies:** HTML5, CSS3, Bootstrap, JQuery.

**Back-end & Frameworks:** Spring Boot, Node.js, Express.js, Rest APIs.

**Tools:** Git, VS Code, Eclipse, Maven.

**Database & Cloud:** MySQL, Azure.

## PROFESSIONAL EXPERIENCE

**Wolters Kluwer** | Pune, India | **Intern - Java Developer** | Nov 2022 - July 2023

- **API Development:** Developed and optimized Restful API to handle JSON Data Validation, ensuring data integrity.
- **Cloud Integration:** Implemented Azure Storage solutions, specifically using Azure Blob Storage for handling large object data and Azure Queue Storage for asynchronous message processing.
- Integrated Apache Solr JWT Authentication, enhancing **secure access** control and search query performance.

## PROJECTS

1. **Bookkart: E-Commerce Bookstore Platform** | *Tech Stack: JSP, Servlet, MySQL, HTML, CSS*
  - Built a full-stack web application for online book sales and inventory management.
  - Designed the MySQL schema to handle user data, order tracking, and dynamic product catalogs.
  - Implemented server-side business logic using Java Servlets to handle user sessions and cart management.
2. **Distributed differential privacy architecture for privacy preserving blockchain applications** | *Tech Stack: Blockchain, Cryptography*
  - Implemented a Local Differential Privacy (LDP) technique to secure data sharing across a decentralized network.
  - Integrated privacy protocols into smart contracts to ensure tamper-proof transactions.
3. **An Android App for Health Monitoring System** | *Tech Stack: Java, XML, Android Studio, Shared Preferences*
  - Developed a native Android application that predicts potential health issues based on user-inputted symptoms.
  - Used Shared Preferences for local data storage to track user history efficiently.

## EDUCATION

- **M.Tech in Computer Engineering (Information Security)** | College of Engineering Pune (COEP) 2023 | *CGPA: 7.66*
- **B.E. in Computer Science & Engineering** | MSS's College of Engineering & Technology Jalna 2018 | *Percentage: 61.27*
- **Diploma in Computer Engineering** | Government Polytechnic Jalna | 2014 | *Percentage: 62.00*
- **SSC (10<sup>th</sup>)** | Shree M. S. Jain Vidyalaya Jalna | 2011 | *Percentage: 72.73*

## CERTIFICATIONS

- **Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate** | Oct'25 ([link](#)) | Expires: Oct'27
- **Advanced Diploma in Java Technologies** by Profound Edutech Pvt Ltd | Nov'21 | *B+ grade*

- **Cloud Computing** by NPTEL | May'23 | *Silver Elite Certificate*

## **ACHIEVEMENTS**

- Achieved champions milestone in Google Cloud Arcade Facilitator Program | Jul'24 - Dec'24
- First Prize in Project Competition on Department Level (BE)

## **RESEARCH & PUBLICATIONS**

- Survey on Data Privacy Preserving Techniques in Blockchain Applications | IEEE Xplore | Dec'23
- Blockchain Based Record Management System in Hospitals | IEEE Xplore | Mar'23